

COAST SURVEY EMPLOYEES, &c.

LETTER

FROM

THE SECRETARY OF THE TREASURY,

COMMUNICATING

A statement of the names and salaries of the persons employed on the Coast Survey.

JANUARY 7, 1859.—Laid upon the table, and ordered to be printed.

TREASURY DEPARTMENT, *January 4, 1859.*

SIR: I have the honor to transmit, in accordance with the provision of an act of Congress approved March 3, 1853, a report from the general disbursing agent of the Coast Survey, Samuel Hein, esq., forwarded to this department by the Superintendent, and showing the number and names of the persons employed upon that work during the last fiscal year, the compensations paid, nature of occupation, and length of time during which the persons were employed; together with a statement of all the expenditures made for field and office work under the direction of the Superintendent of the Coast Survey.

With great respect, your obedient servant,

HOWELL COBB,
Secretary of the Treasury.

Hon. JAMES L. ORR,
Speaker of the House of Representatives.

List showing the number and names of the persons employed in the Coast Survey during the fiscal year ending June 30, 1858, with the amount of compensation and time of employment; with a statement of all expenditures made under the direction of the Superintendent of the Coast Survey: prepared in pursuance of an act of Congress approved March 3, 1853, by Samuel Hein, general disbursing agent of United States Coast Survey.

LIST OF COAST SURVEY EMPLOYEES.

Names and offices.	Amount of compensation.	Time employed.
<i>Superintendent.</i>		
A. D. Bache	\$6,000 00	1 year.
<i>Assistants.</i>		
Edmund Blunt	3,500 00	do.
F. H. Gerdes	2,500 00	do.
C. O. Boutelle	2,300 00	do.
J. E. Hilgard	2,300 00	do.
George Davidson	1,800 00	do.
H. L. Whiting	2,100 00	do.
John Farley	2,000 00	do.
W. E. Greenwell	1,700 00	do.
Samuel A. Gilbert	1,700 00	do.
Charles P. Bolles	1,500 00	do.
George W. Dean	1,500 00	do.
J. J. S. Hassler*	1,375 00	11 months.
George A. Fairfield	1,300 00	1 year.
R. M. Bache	1,200 00	do.
George D. Wise	1,200 00	do.
A. W. Longfellow	1,200 00	do.
A. M. Harrison	1,200 00	do.
A. S. Wadsworth	1,200 00	do.
John Seib	1,200 00	do.
Hull Adams	1,200 00	do.
W. P. Trowbridge	1,200 00	9 months.
<i>Sub-Assistants.</i>		
Henry Mitchell	1,200 00	1 year.
Edward Goodfellow	1,000 00	do.
A. F. Rodgers	1,000 00	do.
W. M. Johnson	1,000 00	do.
James S. Lawson	1,000 00	do.
S. A. Wainwright	800 00	do.
S. C. McCorkle	800 00	do.
J. A. Sullivan	800 00	do.
Benjamin Huger, jr.	800 00	do.
George H. Bagwell	800 00	do.
C. T. Iardella	800 00	do.
Stephen Harris	800 00	do.
Malcolm Seaton	800 00	do.
Charles Ferguson	600 00	do.
W. S. Gilbert	600 00	do.
J. G. Oltmanns	600 00	9 months.

* Died June 23, 1858.

LIST—Continued.

Names and offices.	Amount of compensation.	Time employed.
<i>Artificer.</i>		
Thomas McDonnell	\$1,000 00	1 year.
<i>Disbursing Agent.</i>		
Samuel Hein	2,500 00	do.
<i>Clerks.</i>		
R. L. Hawkins	1,300 00	do.
W. S. McPherson	800 00	do.
<i>Computers.</i>		
Charles A. Schott, assistant	1,600 00	do.
Theodore W. Werner, assistant	1,565 00	do.
Eugenius Nulty	1,200 00	do.
James Main	1,100 00	do.
G. Rumpf	1,000 00	do.
John Weissner	886 69	11½ months.
J. T. Hoover	721 44	2,004 hours.
W. D. Storke	229 44	6½ months.
T. F. Herbert*	66 00	2 do.
L. Daser*	66 00	22 days.
J. E. Blankenship*	60 00	1 month.
<i>Tide computers.</i>		
L. F. Pourtales, assistant	1,600 00	1 year.
L. W. Meech	1,500 00	do.
R. S. Avery	840 00	do.
Samuel Walker	560 40	do.
G. C. Blanchard*	315 76	8½ months.
John Downs	300 00	6 do.
Richard E. Evans	176 80	5 do.
<i>Computers by contract.</i>		
E. A. Frailey	438 27	
R. Freeman	300 00	
S. D. Pendleton	100 00	
<i>Aids.</i>		
W. S. Edwards	409 60	8 months.
J. L. Tilghman	152 83	4 do.
F. A. Lueber	540 00	1 year.
Oscar Hinrichs	114 00	3 months.
Charles Hosmer	239 00	7 do.
G. B. Maynadiere*	290 70	4½ do.
Joseph Whyte*	213 93	5 do.
C. H. Boyd	194 75	4 do.
C. B. Baker	373 40	7 do.
F. W. Dorr	383 35	10 do.
F. W. Alexander*	230 40	6 do.

* Not now employed in the Coast Survey.

LIST—Continued.

Names and offices.	Amount of compensation.	Time employed.
<i>Aids—Continued.</i>		
M. Thomas.....	\$459 00	1 year.
C. H. F. Peters*.....	300 00	5 months.
Edward Pearce, jr.....	245 00	7 do.
N. S. Finney.....	393 30	11 do.
James Gilliss.....	132 10	4 do.
McLane Tilton.....	14 33	$\frac{1}{3}$ do.
H. S. Du Val.....	226 77	$4\frac{1}{2}$ do.
W. H. Gardner.....	266 60	7 do.
George E. Humphries ^o	30 50	2 do.
C. H. Duval.....	161 80	5 do.
Frederick H. Hall.....	198 60	6 do.
Clarence Fendall.....	71 70	$1\frac{1}{2}$ do.
Richard E. Evans.....	110 30	3 do.
John S. Bradford.....	77 80	2 do.
George U. Mayo.....	73 20	$2\frac{1}{2}$ do.
Fred. F. Nes.....	193 20	4 do.
A. W. Thompson.....	66 60	2 do.
W. H. Dennis.....	129 60	3 do.
R. E. Halter.....	20 80	$\frac{1}{2}$ do.
F. P. Webber.....	55 00	1 do.
J. Kincheloe.....	86 60	2 do.
<i>Draughtsmen.</i>		
W. M. C. Fairfax.....	1,800 00	1 year.
M. J. McClery.....	1,600 00	do.
Joseph Welch ^o	100 00	20 days.
A. Boschke ^o	1,230 75	273 $\frac{1}{2}$ do.
J. J. Ricketts ^o	496 41	134 $\frac{1}{6}$ do.
L. D. Williams.....	874 50	291 $\frac{1}{2}$ do.
Wm. P. Schulz.....	930 00	310 do.
W. T. Martin.....	778 12	311 $\frac{1}{2}$ do.
A. Lindenkohl ^o	959 26	310 do.
P. Witzel.....	633 12	284 $\frac{1}{4}$ do.
F. Fairfax.....	483 85	276 $\frac{1}{2}$ do.
B. Hooe, jr.....	384 13	286 $\frac{2}{3}$ do.
Louis Daser ^o	72 00	24 do.
Arthur Balbach.....	918 00	306 do.
Edward Cordell.....	36 00	12 do.
Samuel B. Linton.....	211 75	302 $\frac{1}{2}$ do.
W. T. Bright.....	187 19	288 do.
A. Strausz.....	745 50	248 $\frac{1}{2}$ do.
Albin Schoepf.....	98 70	259 $\frac{3}{4}$ hours.
<i>Hydrographic draughtsman.</i>		
A. Willich.....	720 00	1 year.
<i>Draughtsmen by contract.</i>		
L. Schamberger.....	177 50	
C. S. Draper ^o	120 50	
Charles Heyne ^o	80 25	
A. Hoeppner.....	751 00	

* Not now employed in the Coast Survey.

COAST SURVEY EMPLOYEES.

5

LIST—Continued.

Names and offices.	Amount of compensation.	Time employed.
<i>Draughtsmen by contract.—Continued.</i>		
Theodore Kolecki [*]	\$609 00	
John R. Key [*]	24 00	
John Lambert [*]	28 00	
R. Zawadzki.....	82 01	
A. M. Smith.....	300 00	
C. J. Ost.....	99 00	
<i>Engravers.</i>		
George McCoy.....	2,000 00	1 year.
John Knight.....	1,800 00	do.
F. Dankworth.....	1,800 00	do.
A. Rollé.....	1,800 00	do.
A. Blondeau.....	1,500 00	do.
A. Sengteller.....	1,500 00	do.
J. Enthoffer.....	1,500 00	do.
William Phillips.....	1,500 00	do.
G. B. Metzgeroth.....	1,173 75	do.
J. C. Kondrup.....	1,095 50	do.
J. V. N. Throop.....	1,434 72	2,241 ³ / ₄ h'rs.
A. Madel.....	1,490 21	2,811 ³ / ₄ do.
H. S. Barnard.....	1,171 87	312 ¹ / ₂ days.
William Langran.....	992 48	311 ¹ / ₂ do.
A. Peterson.....	936 75	312 ¹ / ₂ do.
Walter Ogilvie.....	911 25	303 ³ / ₄ do.
R. F. Bartle.....	588 25	294 ¹ / ₈ do.
J. J. Knight [*]	48 00	24 do.
E. A. Madel.....	840 00	1 year.
F. W. Benner.....	340 00	do.
W. A. Thompson.....	300 00	do.
Edward H. Sipe.....	220 00	do.
C. W. Tyler [*]	187 50	5 months.
T. Eveleth.....	262 50	7 do.
<i>Engraving by contract.</i>		
William Smith.....	183 07	
<i>Printers.</i>		
Samuel D. O'Brien [*]	59 50	17 days.
John Rutherford.....	743 00	1 year.
Samuel Grennan [*]	72 00	36 days.
Henry Luther [*]	84 00	42 ¹ / ₂ do.
John Barrett, (laborer).....	391 25	1 year.
<i>Printing by contract.</i>		
S. D. O'Brien [*]	76 00	
<i>Map room.</i>		
V. E. King.....	780 00	1 year.
Francis Holden.....	547 75	1 do.

^{*} Not now employed in Coast Survey.

LIST—Continued.

Names and offices.	Amount of compensation.	Time employed.
<i>Instrument makers.</i>		
J. Vierbuchen.....	\$1,200 00	1 year.
Thomas J. Hunt.....	806 00	310 days.
J. Nessonson.....	616 00	308 do.
J. W. Smith.....	561 50	280 $\frac{3}{4}$ do.
R. Schellhaas.....	413 86	236 $\frac{1}{2}$ do.
J. R. Cronin.....	479 48	274 do.
D. Reinkin [*]	52 50	26 $\frac{1}{4}$ do.
George W. Hitz.....	439 12	292 $\frac{3}{4}$ do.
Peter Vierbuchen.....	283 75	283 $\frac{3}{4}$ do.
<i>Electrotypists.</i>		
George Mathiot.....	2,000 00	1 year.
H. B. Mathiot [*]	258 00	6 months.
William Luce [*]	94 32	2 $\frac{1}{2}$ do.
J. G. Tansill.....	25 00	1 do.
George Curtis, (laborer).....	436 80	1 year.
<i>Carpenters.</i>		
A. Yeatman.....	813 00	1 year.
Henry Trine.....	618 00	309 days.
R. H. Yeatman, (apprentice).....	234 75	1 year.
<i>Carpenter by contract</i>		
Samuel Bell [*]	27 00	
<i>Archives.</i>		
Charles B. Snow.....	1,100 00	1 year.
<i>Clerks.</i>		
W. W. Cooper.....	1,400 00	1 year.
A. W. Russell.....	750 56	6 $\frac{1}{2}$ months.
Edward Wharton.....	1,200 00	1 year.
Hugh McHenry.....	805 00	do.
Fred. Whyte.....	1,000 00	do.
George A. Porterfield.....	1,100 00	do.
G. S. Tansill.....	720 00	do.
E. Fitzgerald.....	649 44	5 $\frac{1}{2}$ months.
<i>Messengers.</i>		
Daniel Flynn.....	600 00	1 year.
Thomas Kenney.....	525 60	do.
W. B. Ingram.....	438 00	do.
Sampson Nutter.....	438 00	do.
C. Kraft.....	420 00	do.
John Mitchell [*]	193 20	7 months.
John H. Diggs.....	290 40	8 months.
R. A. Cronin [*]	11 61	$\frac{3}{4}$ month.
Wm. H. Brent.....	240 00	1 year.

^{*} Not now employed in Coast Survey.

LIST—Continued.

Names and offices.	Amount of compensation.	Time employed.
<i>Messengers—Continued.</i>		
J. G. Tansill	\$185 22	10½ months.
L. Crittident.....	160 00	5½ months.
Dennis Orme.....	18 90	1 month.
<i>Company A.</i>		
John A. Campbell.....	91 25	1 year.
<i>Watchman.</i>		
B. Neff	525 60	do.
<i>Publication.</i>		
W. L. Nicholson.....	1,000 00	do.
John Downes.....	300 00	6 months.
M. O. Hering.....	228 07	5½ months.
A. S. Clements	448 50	299 days.
M. Walker*.....	302 90	233 days.
E. P. Jones	250 00	10 months.
J. T. Hoover.....	289 44	804 hours.
A. W. Thompson.....	133 80	4 months.
Eliab H. Wells	429 00	1 year.
R. E. Halter	130 20	3 months.
F. Engel, (draughtsman)	708 00	236 days.
George B. Vose.....	400 00	8 months.
D. Hinkle	295 20	8 months.
M. E. Bronaugh	67 60	52 days.
<i>Watchman.</i>		
T. S. Winfield.....	122 00	4 months.
<i>In charge of tidal operations on Gulf coast.</i>		
Gust. Würdemann	1,000 00	1 year.

* Not now employed in Coast Survey.

The following persons have been employed with authority of the Secretary of the Treasury, under article I of the plan of reorganization of the survey of the coast:

	Amount of compensation.	Time employed.
Benjamin Pearce.....	\$1,500 00	1 year.
B. A. Gould, jr.....	1,500 00	do.
J. M. Batchelder.....	1,200 00	do.
W. C. Bond	600 00	do.
O. M. Mitchell.....	300 00	9 months.
Wm. Mitchell	150 00	1 year.

Statement of Coast Survey expenditures in the fiscal year 1757-'58, in order of sections of coast, and of operations in each section. 8

	1857.		1858.		Total—year.	Total—section.
	3d quarter—July, August, and September.	4th quarter—October, November, and December.	1st quarter—January, February, and March.	2d quarter—April, May, and June.		
SECTION I.						
Measurement of base	\$9,925 75	\$1,743 06	-----	-----	\$11,668 81	
Triangulation	2,940 12	891 50	\$254 67	\$702 35	4,788 64	
Topography	4,326 00	1,237 24	300 00	300 00	6,163 24	
Hydrography, including tides and repair of steamer Bibb.....	21,543 08	2,475 07	64 20	120 00	24,202 35	
						\$46,823 04
SECTION II.						
Triangulation	2,329 64	1,810 47	1,226 57	1,159 41	6,526 09	
Topography	2,490 60	1,340 57	587 50	587 50	5,006 17	
Hydrography, including tides.....	2,158 61	1,297 64	1,047 33	446 68	4,950 26	
						16,482 52
SECTION III.						
Triangulation	942 37	3,207 81	653 58	995 52	5,799 28	
Topography	2,310 07	1,825 98	734 57	351 13	5,221 75	
Hydrography, including tides.....	1,073 88	761 06	60 00	106 88	2,001 82	
						13,022 85
SECTIONS III AND IV.						
Hydrography	768 57	1,069 93	286 89	408 54	2,533 93	
						2,533 93
SECTION IV.						
Triangulation	500 00	1,797 72	2,803 98	2,050 53	7,152 23	
Topography	363 67	1,148 29	360 00	367 33	2,239 29	

COAST SURVEY EMPLOYEES.

Hydrography			1,239 07	3,952 70	5,191 77	14,583 29
SECTION IV AND V.						
Gulf hydrography	443 63	3,893 61	450 90		4,788 14	4,788 14
SECTION V.						
Triangulation	1,734 08	4,403 99	5,340 69	1,591 05	13,069 81	
Topography	873 51	4,151 14	4,469 99	1,970 59	11,465 23	
Hydrography, including tides	5,871 49	2,772 29	1,968 71	634 47	11,246 96	35,782 00
SECTION VII.						
Triangulation	422 25	4,224 55	1,882 06	713 27	7,242 13	
Topography	536 34	2,926 78	1,840 58	545 91	5,849 61	
Hydrography	268 38	1,663 22	4,575 05	2,209 92	8,716 57	21,808 31
SECTION VIII.						
Triangulation, including vessel	443 54	7,489 99	3,327 67	2,265 58	13,526 78	
Topography	828 39	843 98	2,045 18	1,094 15	4,811 70	
Hydrography	775 55	3,569 00	2,994 50	1,368 56	8,707 61	27,046 09
SECTION IX.						
Triangulation	955 44	1,157 30	1,849 60	2,450 46	6,412 80	
Topography		463 72	1,491 48	1,258 86	3,214 06	
Hydrography	294 71	119, 25			413 96	10,040 82
Tidal operations in the several sections						9,535 99
Purchase of instruments						622 00

Recapitulation of field expenditures.

Section I	\$46,823 04
II	16,482 52
III	13,022 85
III and IV	2,533 93
IV	14,583 29
IV and V	4,788 14
V	35,782 00
VII	21,808 31
VIII	27,046 09
IX	10,040 82
Tidal operations in the several sections	9,535 99
Purchase of instruments	622 00
	<hr/> 203,068 98

Work of reducing, drawing, engraving, printing maps, electrotyping, and materials, &c., and general office work.

Computations, tidal, &c.	\$9,981 03
Drawing and materials	9,160 96
Engraving and materials	16,630 26
Electrotyping and materials	3,366 42
Printing and materials	1,471 65
Instrument makers, repairs, and materials	3,160 67
Carpenters and materials	1,144 44
Archives and library	1,294 83
Map room, folder	547 75
Messengers and watchmen	2,192 80
Sappers, special duty	91 25
Disbursing	1,250 00
Rent of office	1,462 50
Fuel, wood, oil, candles	1,010 31
Stationery, blank books, binding, &c.	1,354 12
Express and other transportation, and telegraph messages	586 34
Copying records, &c.	1,299 40
Repairs of office furniture, stoves, cleaning chimneys, out-houses, and all other not included in the above	1,740 60
	<hr/> 57,745 33

GENERAL RECAPITULATION.

Field expenditures	\$203,068 98
Office expenditures	57,745 33
Total for fiscal year	<hr/> 260,814 31

Expenditures for the survey of the Western Coast for the fiscal year 1857-'58.

<i>Field expenses.</i>		
Astronomical, triangulation, and topographical party	\$20,564 29	
Triangulation party	10,750 43	
Topographical party	14,576 03	
Tidal party	6,032 89	
Hydrography	33,838 36	
New instruments	1,320 93	
		\$87,082 93
<i>Office expenses.</i>		
For computations, tidal, &c	5,440 00	
For drawing and materials	3,091 56	
For engraving and materials	7,918 67	
For electrotyping and materials	1,495 62	
For printing and materials	1,378 04	
For instrument makers, repairs, &c	1,786 62	
For carpenters and materials	1,179 46	
For archives and library	576 39	
For messengers and watchman	1,130 40	
For disbursing	950 00	
For rent of office	1,325 00	
For fuel, wood, oil, candles	662 50	
For stationery, blank books, binding, &c	1,829 20	
For copying records, &c	1,767 49	
For express and other transportation, and telegraph messages ..	300 13	
For contingencies	231 48	
		31,062 56
Total expenditures		\$118,145 49

Expenditures for the survey of the Western Islands for the fiscal year 1857-'58.

	Amount.	Account set- tled.
<i>Field expenses.</i>		
Triangulation and topographical party	\$19,458 96	
Topographical party	12,202 33	
Hydrographic party	1,269 86	
Total field expenses		\$32,931 15
<i>Office expenses.</i>		
For computations, tidal, &c	800 00	
For disbursing	975 00	
For contingent	290 58	
Total office expenses		2,065 58
		34,996 73

Expenditures for the survey of the Florida Reefs for the fiscal year 1857-'58.

<i>Field expenses.</i>		
Triangulation parties.....	\$7,552 12	
Topographical parties.....	4,514 42	
Tidal party.....	3,647 33	
Hydrography, including repairs of "Corwin".....	15,176 81	
New instruments.....	282 04	
		\$31,172 72
<i>Office expenses.</i>		
For computing, tidal, &c.....	1,367 80	
For drawing and materials.....	1,792 14	
For engraving and materials.....	1,733 21	
For electrotyping and materials.....	258 00	
For instrument makers, repairs, &c.....	318 06	
For archives and library.....	550 00	
For messengers and watchman.....	371 79	
For disbursing.....	1,025 00	
For rent of office.....	312 50	
For fuel, wood, oil, coal.....	303 50	
For stationery, blank books, printing, &c.....	446 02	
For express transportation and contingencies.....	104 04	
		8,582 06
Total expenditures.....		39,754 78

Expenditures for the survey of the keys of the coast of Florida, fiscal year 1857-'58.

<i>Field expenses.</i>		
Triangulation parties.....	\$9,074 99	
Topographical parties.....	13,766 67	
		\$22,841 66
<i>Office expenses.</i>		
For computing, tidal, &c.....	500 00	
For drawing and materials.....	1,865 71	
For engraving and materials.....	1,779 97	
For electrotyping and materials.....	119 32	
For copying records, &c.....	550 00	
For instrument makers, repairs, &c.....	379 55	
For messengers.....	350 64	
For disbursing.....	400 00	
		5,945 19
Total expenses.....		28,786 85

The following expenditures for special surveys, &c., have been made under the direction of the Superintendent of the Coast Survey during the fiscal year 1857-'58.

For running a line to connect the triangulation on the Atlantic coast with that on the Gulf of Mexico, across the Florida peninsula.....	\$13,718 64
For publishing the observations made in the progress of the survey of the coast of the United States.....	19,767 74
For repairs and alterations of steamers and sailing vessels employed in the Coast Survey	14,559 04
For fuel and quarters, and for mileage and transportation for officers and enlisted soldiers of the army serving in the Coast Survey, in cases no longer provided by the Quartermaster's department.....	5,219 72

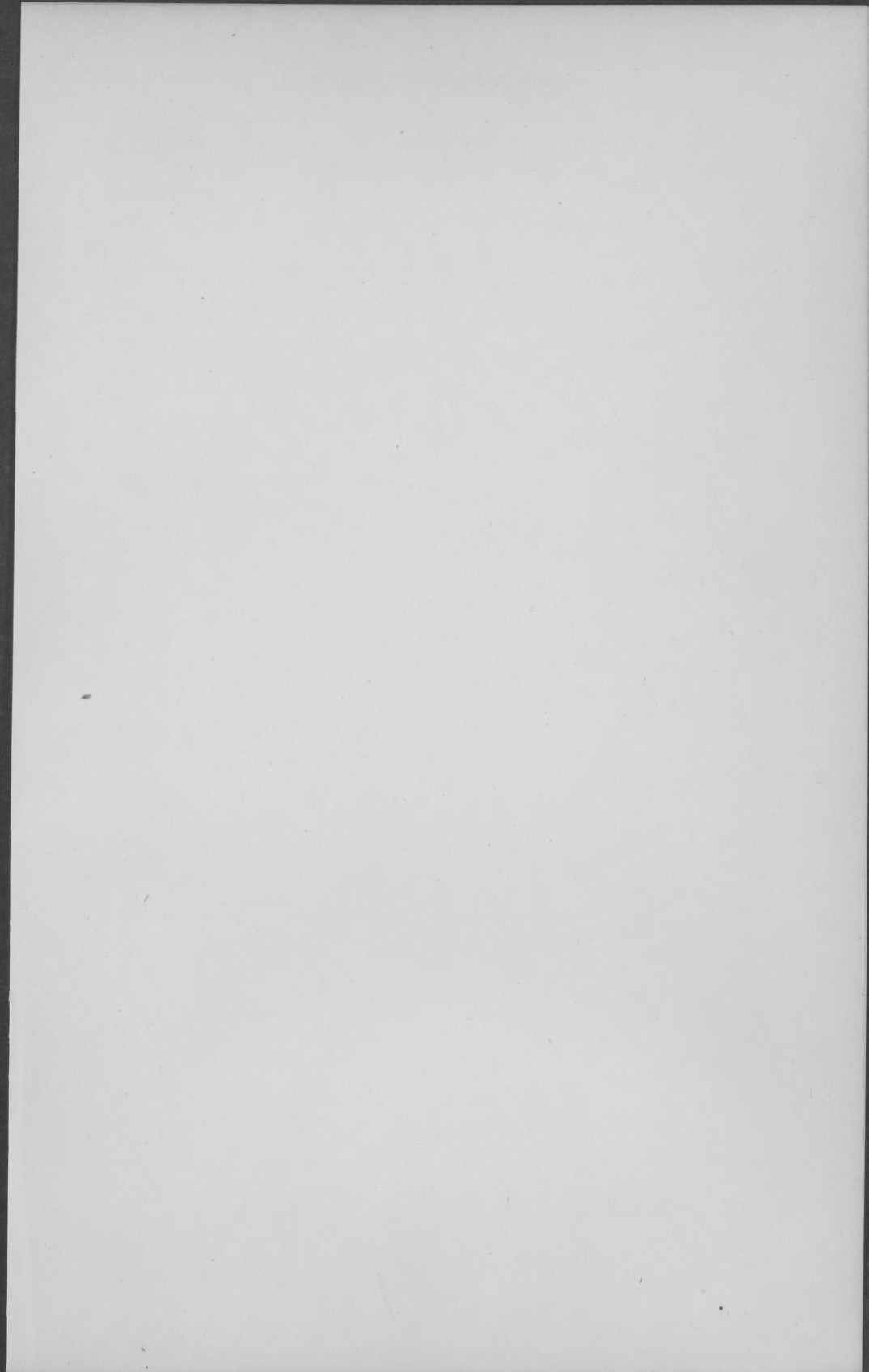
SAMUEL HEIN,

General Disbursing Agent U. S. Coast Survey.

COAST SURVEY OFFICE, September, 1858.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF THE HISTORY OF ARTS
AND ARCHITECTURE
CHICAGO, ILLINOIS

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF THE HISTORY OF ARTS
AND ARCHITECTURE
CHICAGO, ILLINOIS



ORIGINAL ARTICLES

SYMPTOMS OF [illegible]

SYMPTOMS OF [illegible]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]